

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

APPLICANT:

ERION

FILING DATE:

10/15/01

GROUP:

TBA

COPY OF PAPERS
ORIGINALLY FILED

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
10	AA	3,018,302 A	01.23.62	Bielefeld, <i>et al.</i>	—	—	
12	AB	5,658,889	08/19/97	GRUBER, <i>et al.</i>	514	43	12/14/94

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLAT YES N
10	AC	91 19721 A1	12/26/91	WO			
	AD	98 39344 A	11/09/98	WO			
	AE	98 39343 A	11/09/98	WO			
	AF	98 39342 A	11/09/98	WO			
	AG	0 180 276 A1	05/07/86	EP			
	AH	3512781 A1	04/10/85	DE			
	AI	0 353 692 B1	07.02.90	EPO			
	AJ	WO 96/01267 A	18.01.96	WO			
	AK	0 161 955 A	21.11.85	EPO			
	AL	WO 97/03679 A	06.02.97	WO			
	AM	0 338 372 A	25.10.89	EPO			
12	AN	0 481 214 A	22.04.92	EPO			

RECEIVED
FEB 15 2002
TECH CENTER 1600/2900

EXAMINER:

D Jones

DATE CONSIDERED:

sp/or

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

09/978,454

RECEIVED


FEB 15 2002

TECH CENTER 1600/2900

COPY OF PAPERS
ORIGINALLY FILED

OTHER DOCUMENTS (Including Author, Title, Date, Percent Pages, etc.)

AP	Alexander, et al., "Preparation of 9-(2- Phosphonomethoxyethyl) Adenine Esters as Potential Prodrugs", Collect. Czech, Chem Commun., 59: 1853-1869 (1994)
XA	Amin, et al., "1-Hydroxy-3-(methylpentylamino)-propylidene-1, 1-bisphosphonic Acid as a Potent Inhibitor of Squalene Synthase," <u>Arzneimittelforschung</u> . 46(8): 759-762 (1996)
AQ	Atiq, O.T., et al., "Treatment of Unresectable Primary Liver cancer With Intrahepatic Fluorodeoxyuridine and Mitomycin C Through an Implantable Pump," <u>Cancer</u> , 69, 920-924 (1992)
AR	Auberson, et al., "N-Phosphoalkyl-5-Aminomethylquinoxaline-2,3-Diones: In Vivo Active Ampa and NMDA(Glycine) Antagonists," <u>Bioorg. Med. Chem. Lett.</u> , 9: 249-254 (1999)
XB	Balthazor, et al. "Nickel-Catalyzed Arbuzov Reaction: Mechanistic Observation," <u>J. Org Chem.</u> , 45: 5425-5426 (1980)
AS	He, et al., "Inactivation of Cytochrome P450 3A4 by Bergamottin, a Component of Grapefruit Juice," <u>Chem Res. Toxicol</u> 1998, 11, 252-259
AT	Bespalov, et al., "Prologation of morphine analgesia by competitive NMDA receptor antagonist D-CPPene (SDZ EAA 494) in rats," <u>Eur. J. Pharmacol.</u> 351: 299-305 (1998)
AU	Bijsterbosch, et al., "Disposition of the acyclic Nucleoside Phosphonate (S)-9-(3-Hydroxy-2-Phosphonylmethoxypropyl) Adenine," <u>Antimicrobial Agents and Chemotherapy</u> . 42(5): 1146-1150 (1998)
AV	Bird, et al., "Synthesis of Novel N-Phosphonoalkyl Dipeptide Inhibitors of Human Collagenase," <u>J. Med. Chem.</u> 73: 158-169 (1994)
AW	Brill and Landon, et al., <u>Chem Rev.</u> , 84: 577-585 (1984)
	Campagne, et al. "Synthesis of Mixed Phosphate Diester Analogues of Dipeptides using BOP or PyBOP Reagents," <u>Tetrahedron Lett.</u> , 34(42): 6743-6744 (1993)

EXAMINER:	DATE CONSIDERED:
	2/24/02
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

09/978,454

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RECEIVED

FEB 15 2002

TECH CENTER 1000/2900

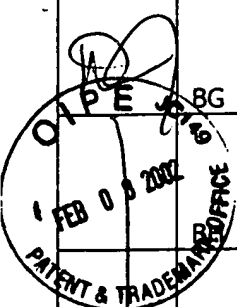
COPY OF PAPERS
ORIGINALLY FILED

AX	Campbell, "The Synthesis of Phosphonate Esters, an Extension of the Mitsunobu Reaction," <u>US Pat. 5,331-6335</u> (1992)
AY	Casara, <i>et al.</i> , "Synthesis of Acid Stable 5'-o-Fluoromethyl Phosphonates of Nucleosides," <u>Bioorg. Med. Chem. Lett.</u> , 2(2): 145-148 (1992)
AZ	Casteel, <i>et al.</i> , "Steric and Electronic Effects in the Aryl Phosphate to Arylphosphonate Rearrangement," <u>Synthesis</u> , 691-693 (1991)
XC	Chen, <i>et al.</i> , "Sensitization of Human Breast Cancer Cells to Cyclophosphamide and Ifosfamide by Transfer of the Liver Cytochrome P450 Gene," <u>Cancer Research</u> , 56, 1331-1340 (1996)
XD	Chen and Waxman "Intratumoral Activation and Enhanced Chemotherapeutic Effect of Oxazaphosphorines following Cytochrome P-450 Gene Transfer: Development of a Combined chemotherapy/Cancer Gene Therapy Strategy," <u>Cancer Research</u> , 55, 581-589 (1995)
BA	De Lombaert, <i>et al.</i> , "N-Phosphonomethyl Dipeptides and Their Phosphonate Prodrugs, a New Generation of Neutral Endopeptidase (NEP, EC 3.4.24.11) Inhibitors" <u>J. Med. Chem.</u> 37: 498-511 (1994)
BB	De Lombaert, <i>et al.</i> , "Pharmacological profile of a Non-Peptidic Dual Inhibitor of Neutral Endopeptidase 24.11 and Endothelin-converting enzyme," <u>Biochem Biophys Res Commun.</u> 204: 407-412 (1994)
BC	De Waziers, <i>et al.</i> , "Cytochrome P 450 Isoenzymes, Epoxide Hydrolase and Glutathione Transferases in Rat and Human Hepatic and Extrahepatic Tissues," <u>J. Pharm. Exp. Ther.</u> 253: 387-394 (1990)
BD	Dearfield, <i>et al.</i> , "Analysis of the Genotoxicity of Nine Acrylate/Methacrylate Compounds in L5178Y Mouse Lymphoma Cells," <u>Mutagenesis</u> 4: 381-393 (1989)
BE	Desos, <i>et al.</i> , "Structure-Activity Relationships in a Series of 2(1H)-Quinolones Bearing Different Acidic Function in the 3-Position: 6,7-Dichloro-2(1H)-oxoquinoline-3-phosphonic Acid, a New Potent and Selective AMPA/Kainate Antagonist with Neuroprotective Properties," 39: 197-206 (1996)
BF	Dickson, <i>et al.</i> , "Orally Active Squalene Synthase Inhibitors: Bis((acyloxy)alkyl) Prodrugs of the α -Phosphonosulfonic Acid Moiety," <u>J. Med. Chem.</u> 39: 661-664 (1996)

EXAMINER:	DATE CONSIDERED:
<i>D Jones</i>	<i>8/21/02</i>
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

OTHER DOCUMENTS (Including Author, Title, Date, Percent Pages, etc.)

09/978,454



8G	Edmunson, <i>et al.</i> , "Cyclic Organophosphorus Compounds. Part 23. Configurational Assignments in the 4-Phenyl-1,3,2λ5-dioxaphosphorinane Series. X-Ray Molecular Structure of <i>cis</i> -2-Benzylamino-4-phenyl-1,3,2-dioxaphosphorinane 2-Oxide," <i>J. Chem. Res. Synop.</i> , 5: 122-123 (1989)
	Enriquez, <i>et al.</i> , "Conjugation of Adenine Arabinoside 5'-Monophosphate to Arabinogalactan: Synthesis, Characterization, and Antiviral Activity," <i>Bioconjugate Chem.</i> 6: 195-202 (1995)
BI	Farquhar, <i>et al.</i> "Biologically-Cleavable Phosphate Protective Groups: 4-Aciox-1,3,2-Dioxaphosphorinanes as Neutral Latent Precursors of Dianionic Phosphates," <i>Tetrahedron Lett.</i> 36(5): 655-658 (1995)
BJ	Farquhar, <i>et al.</i> , "Biologically Reversible Phosphate-Protective Groups," <i>Journal of Pharmaceutical Sciences</i> 72(3): 324-325 (1983)
BK	Farquhar, <i>et al.</i> , "Synthesis and Biological Evaluation of 9-[5'-(2-Oxo-1,3,2-oxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine and 9-[5'-(2-Oxo-1,3,2-dioxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine: Potential Neutral Precursors of 9-[β-D-Arabinofuranosyl]adenine 5'-Monophosphate," <i>J. Med. Chem.</i> 28: 1358-1361 (1985)
BL	Farquhar, <i>et al.</i> , "Synthesis and Biological Evaluation of Neutral Derivatives of 5-Fluoro-2'-deoxyuridine 5'-Phosphate," <i>J. Med. Chem.</i> 26: 1153-1158 (1983)
BM	Fiume, <i>et al.</i> , "Inhibition of Hepatitis B Virus replication By Vidarbine Monophosphate Conjugated with Lactosaminated Serum Albumin," <i>The Lancet</i> 13-15 (1988)
BN	Freed, <i>et al.</i> , "Evidence for Acyloxymethyl Esters of Pyrimidines, 5'-Deoxyribonucleotides as extracellular sources of active 5'-deoxyribonucleotides in cultured cells," <i>Biochemical Pharmacology</i> , 38(19): 3193-3198 (1989)
BO	Guida, <i>et al.</i> , "Structure-Based Design of Inhibitors of Purine Nucleoside Phosphorylase. 4. A Study of Phosphate Mimics," <i>J. Med. Chem.</i> 37: 1109-1114 (1994)
BP	Hirayama, <i>et al.</i> , "Structure and conformation of a novel inhibitor of angiotensin I converting enzyme – a tripeptide containing phosphonic acid," <i>Int. J. Pept. Protein Res.</i> 38: 20-24 (1991)
BQ	Hunston, <i>et al.</i> , "Synthesis and Biological Properties of Some Cyclic Phosphotriesters Derived from 2'-Deoxy-5-fluorouridine," <i>J. Med. Chem.</i> 27: 440-444 (1984)

EXAMINER:	DATE CONSIDERED:
	8/21/02
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

OTHER DOCUMENTS (Including Author, Title, Date, Periodic Pages, etc.)

COPY OF PAPER
ORIGINALLY FILED

BR	Keenan, <i>et al.</i> , "Pathology Reevaluation of the Kociba <i>et al.</i> (1978) Bioassay of 2,3,7,8-TCDD: Implications for Risk Assessment," <i>J. Tox. Envir. Health</i> 34: 279-296 (1991)
BS	Kelley, <i>et al.</i> , "[[(Guaninylalkyl) phosphinico] methyl] phosphonic Acids. Multisubstrate Analogue inhibitors of Human Erythrocyte Purine Nucleoside Phosphorylase," <i>J. Med. Chem.</i> 38: 1005-1014 (1995)
BT	Khamnei and Torrence, "Neighboring Group Catalysis in the Design of Nucleotide Prodrugs," <i>J. Med. Chem.</i> 39: 4109-4115 (1996)
BU	Kryuchkov, <i>et al.</i> , <i>Izv. Akad. Nauk SSSR, Ser. Khim.</i> 6: 1201-1248 (1987)
BV	Lok, <i>et al.</i> , "Neurotoxicity associated with adenine arabinoside monophosphate in the treatment of chronic hepatitis B virus infection," <i>J. Antimicrob. Chemotherap.</i> 14: 93-99 (1984)
BW	Lu <i>et al.</i> , "Palladium-Catalyzed Reaction of Aryl Polyfluoroalkanesulfonates with O,O-Dialkyl Phosphonates Synthesis, 726-727 (1987)
BX	McGuigan, <i>et al.</i> , "Kinase Bypass: A new strategy for Anti-Hiv Drug Design," <i>Bioorganic & Medicinal Chemistry Letters</i> , 3(6): 1207-1210 (1993)
BY	Meier, <i>et al.</i> , "Cyclic Saligenyl Phosphotriesters of 2',3'-Dideoxy-2'3'-dideoxythymidine (d4t)," <i>Bioorganic & Medicinal Chemistry Letters</i> , 7(2): 99-104 (1997)
BZ	Meijer, <i>et al.</i> , "Covalent and Noncovalent Protein Binding of Drugs: Implications for Hepatic Clearance, Storage, and Cell-Specific Drug Delivery," <i>Pharm. Res.</i> 6: 105-118 (1989)
CA	Melvin, "An Efficient Synthesis of 2-Hydroxyphenylphosphonates," <i>Tetrahedron Lett.</i> , 22(35): 3375-3376 (1981)
CB	Meyer, <i>et al.</i> , "2'-O'-Acyl-6-thioinosine Cyclic 3', 5'-Phosphates as Prodrugs of Thioinosinic Acid," <i>J. Med. Chem.</i> 22: 811-815 (1979)

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

CC	Mitchell, <i>et al.</i> , "Bioreversible Protection for the Phospho Group: Bioactivation of the Di(4-acyloxybenzyl) and Mono(4-acyloxybenzyl) Phosphoesters of Methylphosphonate and Phosphonoacetate," <i>J. Chem. Soc. Perkin Trans.</i> 1 1992
	Mitsunobu, "The Use of Diethyl Azodicarboxylate and Triphenylphosphine in Synthesis and Transformation of Natural Products," <i>Synthesis</i> , 1-28 (1981)
	Moore, <i>et al.</i> , "Comparison of Mutagenicity results for Nine Compounds evaluated at the <i>hprt</i> Locus in the Standard and Suspension CHO Assays," <i>Mutagenesis</i> 6: 77-85 (1991)
XE	Murray, <i>et al.</i> , "Cytochrome P450 Expression is a common Molecular Event in Soft Tissue Sarcomas," <i>J. Pathology</i> , 171, 49-52 (1993)
XF	Murray, <i>et al.</i> , "Cytochrome P450 CYP3A in human renal cell cancer," <i>British J. Cancer</i> , 79, 1836-1842 (1999)
CF	Neidlein, <i>et al.</i> , "Mild Preparation of 1-Benzylxyiminoalkylphosphonic Dichlorides: Application to the Synthesis of Cyclic Phosphonic Diesters and Cyclic Monoester Amides," <i>Heterocycles</i> 35: 1185-1203 (1993)
CG	Nifant'ev, <i>et al.</i> , "Synthesis and Structure of Some Stable Phospholane-Phospholanes," <i>Phosphorus, Sulfur, Silicon and Related Elements</i> 113: 1-13 (1996)
XG	Ogg, <i>et al.</i> , <i>Xenobiotica</i> 29, 269-279 (1999)
CH	Ohashi, <i>et al.</i> , "Synthesis of Phosphonosphingoglycolipid found in Marine Snail Turbo Cornutus," <i>Tetrahedron Lett.</i> , 29(10): 1189-1192 (1988)
CI	Petrakis, <i>et al.</i> , Palladium-Catalyzed Substitutions of Triflates Derived from Tyrosine-Containing Peptides and Simpler Hydroxyarenes Forming 4-(Diethoxyphosphinyl) phenylalanines and Diethyl Arylphosphonates," <i>J. Am. Chem. Soc.</i> , 109: 2831-2833 (1987)
CJ	Redmore, "Phosphorus Derivatives of Nitrogen Heterocycles," <i>J. Org. Chem.</i> , 35(12): 4114-4117 (1970)

EXAMINER:

D. Jones

DATE CONSIDERED:

8/21/02

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

OTHER DOCUMENTS (Including Author, Title, Date, Percent Pages, etc.)

COPY OF PAPERS
ORIGINALLY FILED

CK	Shaw & Cundy, "Biological Screens of PMEA Prodrugs," <u>Pharm. Res.</u> 10 (supp) s24 (1993)
CL	Shih, <i>et al.</i> , "Preparation and Structures of 2-Dimethylamino-4-phenyl-1,3,2-dioxaphosphorinane-2-oxides," <u>Bull. Inst. Chem. Acad. Sin.</u> 41: 9-16 (1994)
	Turner, "A General Approach to the Synthesis of 1,6-, 1,7-, and 1,8-Naphthyridines," <u>J. Org. Chem.</u> 55(15) (1990)
XH	Venook, A.P., "Treatment of Hepatocellular Carcinoma: Too Many Options?" <u>J. Clin. Oncol.</u> 12, 1323-1334 (1994)
CN	Vo-Quang, <i>et al.</i> , "(1-Amino-2-propenyl) Phosphonic Acid, an Inhibitor of Alanine Racemase and D-Alanine:D-Alanine Ligase.," <u>J. Med. Chem.</u> 29(4): 579-581 (1986)
CO	Wagner, <i>et al.</i> , "Direct Conversion of Tetrahydropyranylated Alcohols to the corresponding Bromides," <u>Tetrahedron Letters</u> 30(5): 557-558 (1989)
CP	Wallace, <i>et al.</i> , "Design and Synthesis of Potent, Selective Inhibitors of Endothelin-Converting Enzyme," <u>J. Med. Chem.</u> 41: 1513-1523 (1998)
CQ	Walsh, <i>et al.</i> , "The Structures of Grantianine and Sceleratine," <u>J. Am. Chem. Soc.</u> , 78: 4455-4458 (1956)
XI	Watkins, <i>et al.</i> , <u>Pharmacogenetics</u> 4, 171-184 (1994)
CR	Weibel, <i>et al.</i> , "Potentiating Effect of {2-[2-[(2-Amino-1,6-Dihydro-6-oxo-9H-Purin-9-yl)Methyl]-Phenyl]Ethenyl}-Phosphonic Acid (MDL 74,428), A Potent Inhibitor of Purine Nucleoside Phosphorylase, on the Antiretroviral Activities of 2', 3'- Dideoxyinosine Combined to Ribavirin in Mice," <u>Biochem. Pharmacol.</u> 48(2):245-252 (1994)
CS	Wileman, <i>et al.</i> , "Receptor - mediated endocytosis," <u>Biochem. J.</u> 232: 1-14 (1985)


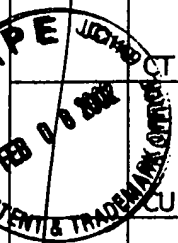
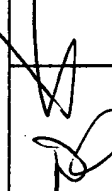

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

09/17/95 454

OTHER DOCUMENTS (Including Author, Title, Date, Percent Pages, etc.)

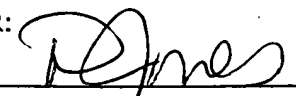
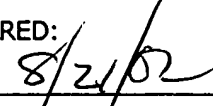
 	XJ	Yu, <i>et al.</i> , "In Vivo Modulation of alternative Pathways of P-450-Catalyzed Cyclophosphamide Metabolism: Impact on Pharmacokinetics and Antitumor Activity," <i>J. Pharm. Exp. Ther.</i> 288, 928-937 (1999)
	CT	Zon, "Cyclophosphamide Analogues," <i>Progress in Med Chem.</i> 19: 1205-1246 (1982)
	CU	Predvoditelev D. , <i>et al.</i> , "Glycero-2-hydroxymethylene phosphates" <i>Journal of Organic Chemistry of the USSR (English Translation</i> 13:1489-1492 (1977)
	CV	Predvoditelev, D. <i>et al.</i> , "Synthesis of lipids and their models on the basis of glycerol alkylene phosphites. V. Cyclic phosphatidylglycerol and phosphatidylhydroxyhomocholine" <i>Journal of Organic Chemistry of the USSR (English Translation</i> 17:1156-1165 (1981)
	CW	Hillers, <i>et al.</i> , "Analogues of pyrimidinemono- and polynucleotides. VI. Phosphates of 1-(1,4-dihydroxy-2-pentyl) thymine and 1-(1,3-dihydroxy-2-propyl) uracil" 89 (17): 1-264 (1978)
	CX	Farquhar, <i>et al.</i> , "5'-4-(Pivaloyloxy)-1, 3, 2-dioxaphosphorinan -2-yl-2'-deoxy-5-fluorouridine: a membrane permeating prodrug of 5-fluoro-2'-deoxyuridylic acid (FDUMP)" <i>Journal of Medicinal Chemistry</i> 38:488-495 (1995)

COPY OF PAPERS
ORIGINALLY FILED

RECEIVED

FEB 15 2002

TECH CENTER 1600/2900

EXAMINER: 	DATE CONSIDERED: 
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	